

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
 Data File : BG019331.D
 Acq On : 24 Oct 2015 11:42
 Operator : UM/NP
 Sample : G4075-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9J2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.214	58	64	71	rBV2	31202	59375	2.92%	0.284%
2	3.290	71	77	87	rVB	108330	160052	7.86%	0.766%
3	3.572	120	125	128	rBV2	7235	11067	0.54%	0.053%
4	3.842	166	171	177	rVB3	5191	8975	0.44%	0.043%
5	5.294	414	418	425	rVB4	2724	5214	0.26%	0.025%
6	5.593	464	469	476	rBV3	3523	4870	0.24%	0.023%
7	7.185	734	740	745	rVV3	7144	11945	0.59%	0.057%
8	7.368	763	771	781	rVB	219765	372800	18.31%	1.784%
9	7.550	794	802	811	rBV	154786	253399	12.45%	1.212%
10	7.761	831	838	845	rVV	200751	339811	16.69%	1.626%
11	8.237	912	919	928	rVB	188040	310504	15.25%	1.486%
12	8.478	955	960	964	rBV2	2661	4365	0.21%	0.021%
13	8.930	1029	1037	1044	rBV	284794	480027	23.58%	2.297%
14	9.406	1110	1118	1125	rVB	217571	381488	18.74%	1.825%
15	9.489	1127	1132	1140	rVB3	12480	22386	1.10%	0.107%
16	10.135	1233	1242	1251	rBV	207529	364104	17.88%	1.742%
17	10.670	1326	1333	1341	rVB	299442	529467	26.01%	2.533%
18	10.822	1353	1359	1360	rBV2	4687	7202	0.35%	0.034%
19	11.069	1393	1401	1407	rBV	248024	446075	21.91%	2.134%
20	11.193	1414	1422	1434	rVB	248488	458510	22.52%	2.194%
21	11.809	1523	1527	1531	rVB3	3872	4360	0.21%	0.021%
22	12.638	1661	1668	1670	rVV2	4844	7886	0.39%	0.038%
23	13.225	1762	1768	1771	rBV3	9860	13820	0.68%	0.066%
24	13.466	1805	1809	1812	rBV2	13093	16216	0.80%	0.078%
25	13.737	1852	1855	1860	rVV2	5109	7237	0.36%	0.035%
26	14.254	1935	1943	1947	rBV	602520	869945	42.73%	4.163%
27	14.301	1947	1951	1957	rVV	386474	533340	26.20%	2.552%
28	14.477	1977	1981	1985	rBV2	3898	4510	0.22%	0.022%
29	14.553	1988	1994	2002	rVB	597798	919453	45.16%	4.399%
30	14.859	2038	2046	2054	rVB2	441713	708971	34.82%	3.392%
31	15.017	2065	2073	2081	rBV	362716	566001	27.80%	2.708%
32	15.241	2105	2111	2118	rBV6	6897	12753	0.63%	0.061%
33	15.640	2173	2179	2184	rBV4	11756	21327	1.05%	0.102%
34	15.681	2184	2186	2191	rVB2	11219	11270	0.55%	0.054%

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35	15.846	2206	2214	2222	rBV	850622	1269805	62.37%	6.076%
36	15.940	2224	2230	2240	rBV	383343	562594	27.63%	2.692%
37	16.081	2247	2254	2259	rBV5	12559	23873	1.17%	0.114%
38	16.363	2298	2302	2305	rBV4	3098	4726	0.23%	0.023%
39	16.539	2326	2332	2337	rBV3	15978	26233	1.29%	0.126%
40	16.715	2353	2362	2368	rVB5	12380	22446	1.10%	0.107%
41	16.798	2373	2376	2379	rBV5	3600	4648	0.23%	0.022%
42	16.962	2401	2404	2408	rVB4	5730	5369	0.26%	0.026%
43	17.332	2462	2467	2471	rBV2	16315	23962	1.18%	0.115%
44	17.379	2471	2475	2480	rVB6	8515	14437	0.71%	0.069%
45	17.485	2489	2493	2497	rBV4	2391	4287	0.21%	0.021%
46	17.597	2505	2512	2519	rBV	659986	1022459	50.22%	4.892%
47	17.697	2522	2529	2539	rVV2	988629	1540913	75.68%	7.373%
48	17.861	2556	2557	2563	rVB5	4128	5499	0.27%	0.026%
49	17.955	2567	2573	2584	rBV3	50691	76962	3.78%	0.368%
50	18.073	2586	2593	2597	rBV4	15914	21988	1.08%	0.105%
51	18.243	2617	2622	2623	rBV4	3974	5561	0.27%	0.027%
52	18.331	2634	2637	2638	rBV2	5997	6170	0.30%	0.030%
53	18.466	2654	2660	2669	rBV	356924	510795	25.09%	2.444%
54	18.754	2705	2709	2712	rBV5	11239	18320	0.90%	0.088%
55	18.784	2712	2714	2717	rVB4	3908	5070	0.25%	0.024%
56	18.883	2729	2731	2735	rVB4	4521	5825	0.29%	0.028%
57	18.948	2739	2742	2745	rBV5	3356	3995	0.20%	0.019%
58	19.119	2768	2771	2774	rBV4	5004	5386	0.26%	0.026%
59	19.195	2782	2784	2788	rVB5	7493	8785	0.43%	0.042%
60	19.307	2800	2803	2808	rBV6	10532	12781	0.63%	0.061%
61	19.354	2808	2811	2813	rBV3	13953	16093	0.79%	0.077%
62	19.577	2846	2849	2851	rBV3	22010	28052	1.38%	0.134%
63	19.600	2851	2853	2859	rVB3	27640	39313	1.93%	0.188%
64	19.724	2869	2874	2881	rBV	161708	230067	11.30%	1.101%
65	19.853	2893	2896	2897	rBV2	13585	14062	0.69%	0.067%
66	19.965	2908	2915	2921	rVV	1430262	1937243	95.15%	9.269%
67	20.317	2972	2975	2976	rBV3	7938	5691	0.28%	0.027%
68	20.440	2993	2996	2999	rBV5	10047	15249	0.75%	0.073%
69	20.511	3007	3008	3010	rBV2	5505	5039	0.25%	0.024%
70	20.552	3013	3015	3016	rVV2	7574	4751	0.23%	0.023%
71	20.834	3061	3063	3065	rBV3	5536	4716	0.23%	0.023%

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72	20.852	3065	3066	3070	rVB4	5256	5340	0.26%	0.026%
73	20.975	3085	3087	3089	rBV3	7073	4878	0.24%	0.023%
74	21.087	3103	3106	3107	rBV3	5142	6978	0.34%	0.033%
75	21.345	3148	3150	3151	rBV	7546	4454	0.22%	0.021%
76	21.498	3171	3176	3182	rVV3	160609	235380	11.56%	1.126%
77	21.569	3185	3188	3194	rVB8	15051	24215	1.19%	0.116%
78	21.757	3216	3220	3226	rVB	49887	74597	3.66%	0.357%
79	21.880	3234	3241	3248	rVB	826741	1383718	67.96%	6.621%
80	22.056	3270	3271	3272	rBV	7034	4071	0.20%	0.019%
81	22.726	3379	3385	3392	rBV4	39356	77805	3.82%	0.372%
82	23.372	3490	3495	3503	rVB8	30201	71742	3.52%	0.343%
83	23.648	3540	3542	3543	rBV2	12852	10067	0.49%	0.048%
84	23.825	3570	3572	3573	rBV2	6881	4102	0.20%	0.020%
85	24.324	3651	3657	3660	rBV6	31740	60269	2.96%	0.288%
86	25.047	3768	3780	3789	rVB	691322	2035961	100.00%	9.742%
87	25.276	3808	3819	3828	rBV	433121	1256344	61.71%	6.011%
88	25.764	3900	3902	3904	rBV3	6313	6392	0.31%	0.031%
89	26.386	4005	4008	4010	rBV4	7918	10454	0.51%	0.050%
90	26.551	4033	4036	4045	rVB8	27883	73723	3.62%	0.353%
91	26.668	4050	4056	4057	rBV6	29157	48809	2.40%	0.234%
92	26.862	4087	4089	4091	rBV3	6800	5903	0.29%	0.028%
93	28.290	4331	4332	4334	rBV2	6255	5177	0.25%	0.025%
94	28.531	4371	4373	4376	rVB3	7371	5151	0.25%	0.025%
95	29.735	4576	4578	4579	rBV2	9255	5459	0.27%	0.026%
96	29.935	4611	4612	4613	rBV	7700	3957	0.19%	0.019%
97	30.523	4709	4712	4714	rBV3	7537	10395	0.51%	0.050%
98	31.522	4880	4882	4885	rBV4	8418	9876	0.49%	0.047%
99	31.892	4942	4945	4946	rBV3	7378	8125	0.40%	0.039%
100	32.409	5031	5033	5035	rBV3	6586	4260	0.21%	0.020%

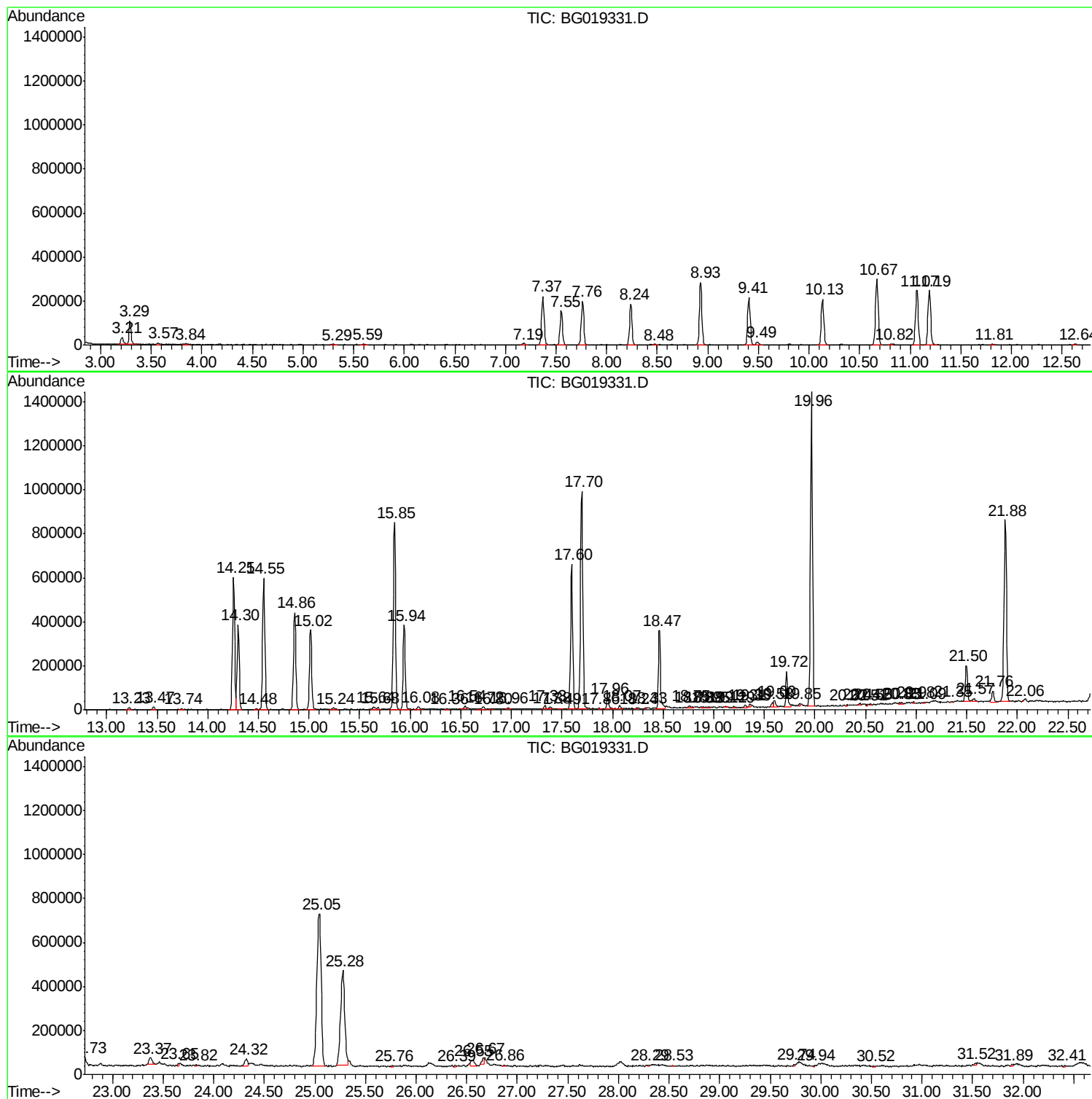
Sum of corrected areas: 20899492

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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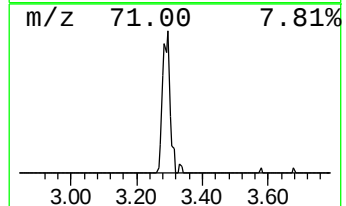
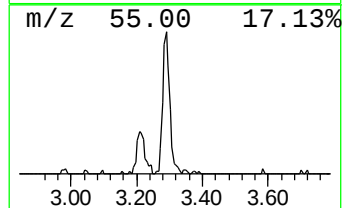
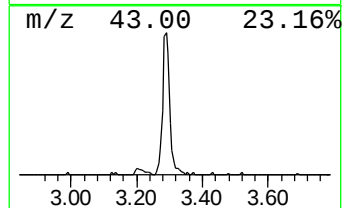
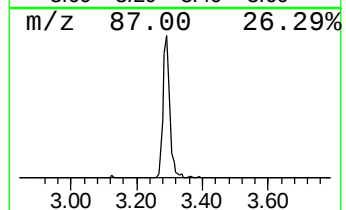
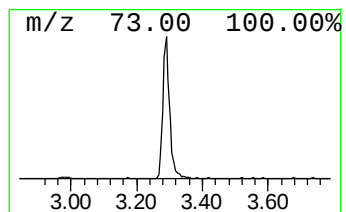
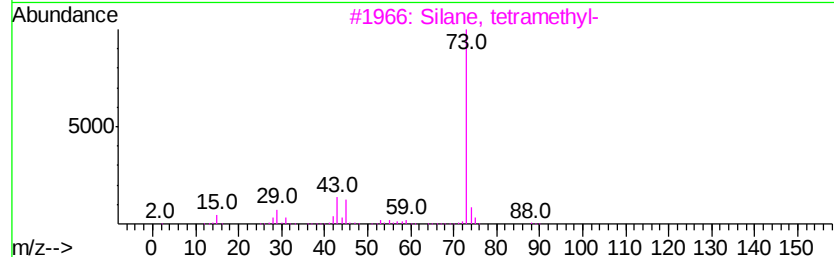
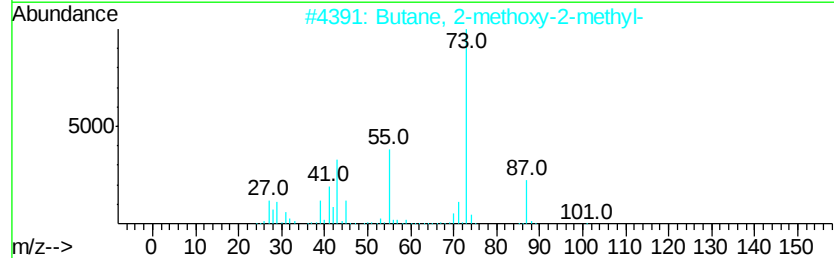
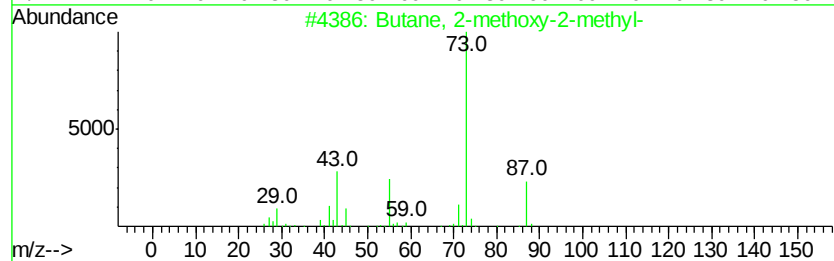
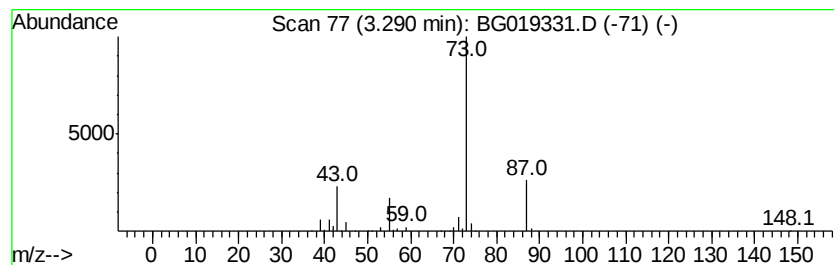
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	10.31 ng/ul	160052	1,4-Dichlorobenzene-d4	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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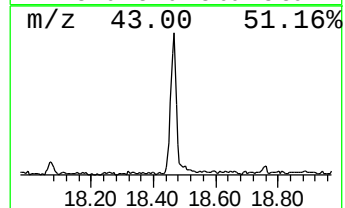
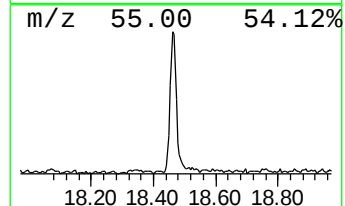
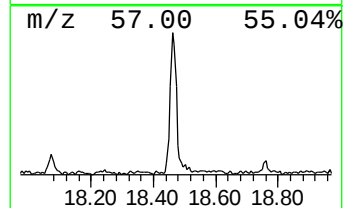
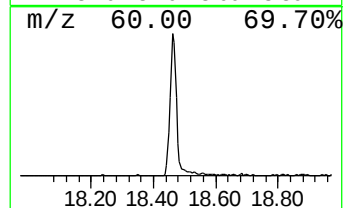
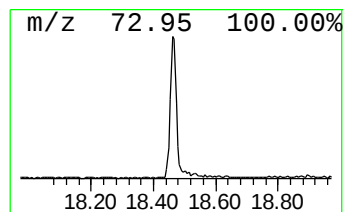
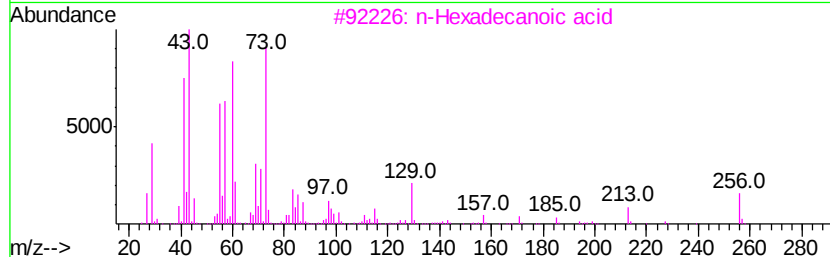
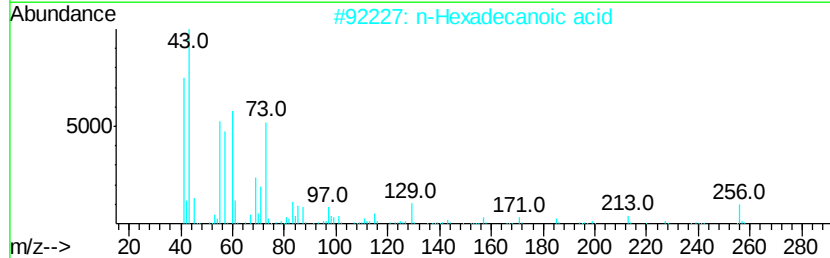
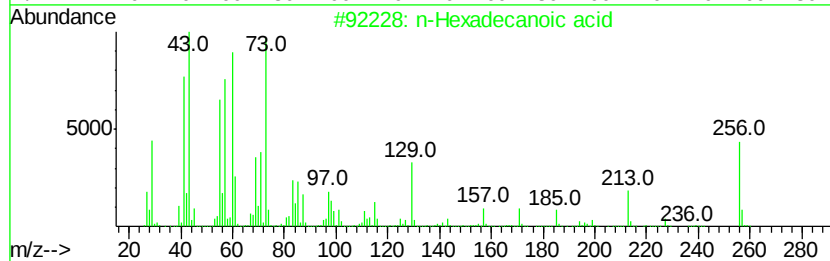
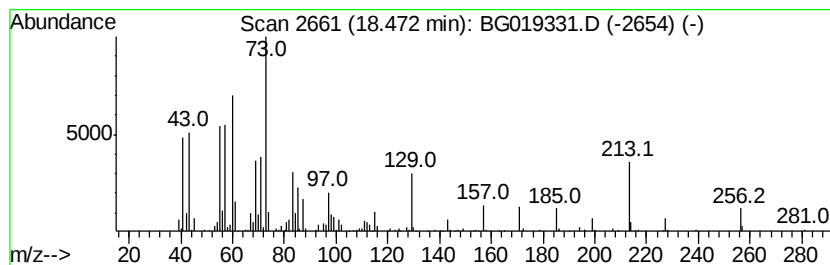
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	9.99 ng/ul	510795	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	49



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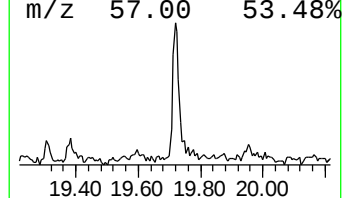
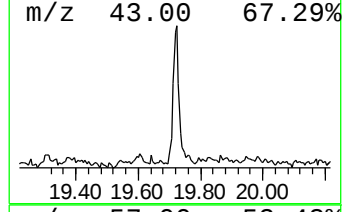
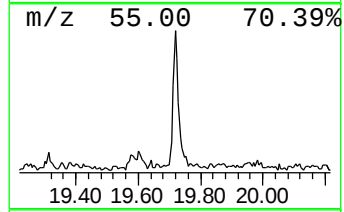
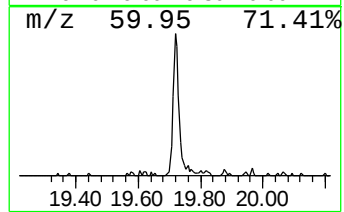
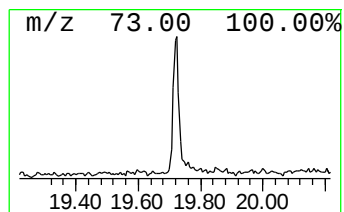
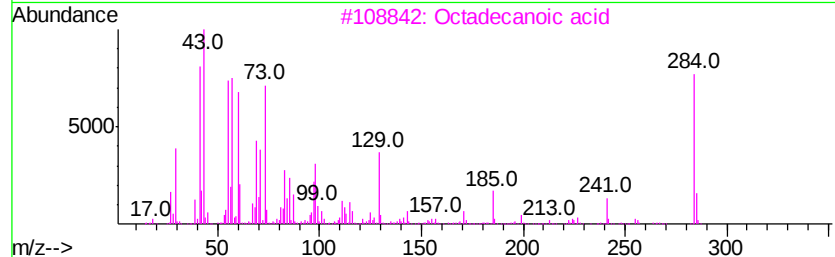
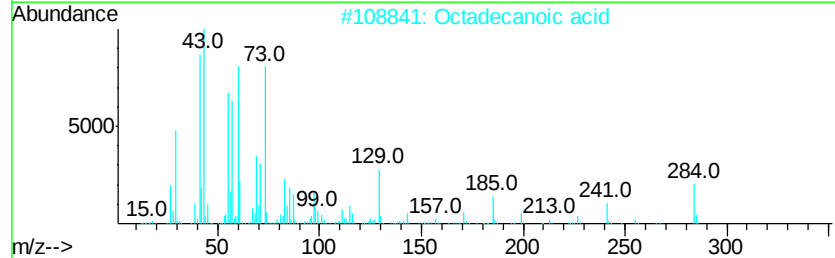
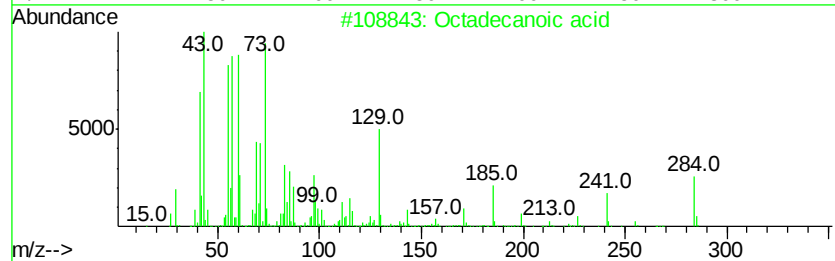
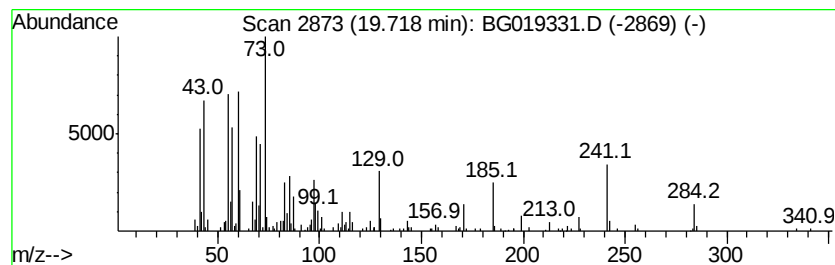
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Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	4.50 ng/ul	230067	Phenanthrene-d10	17.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019331.D
Acq On : 24 Oct 2015 11:42
Operator : UM/NP
Sample : G4075-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9J2

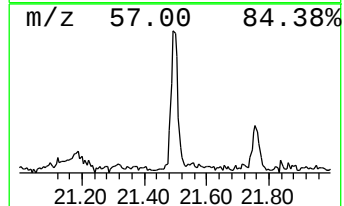
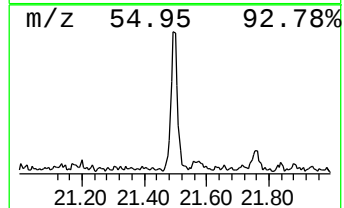
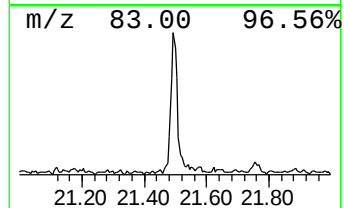
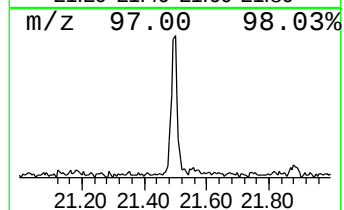
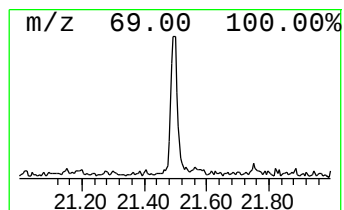
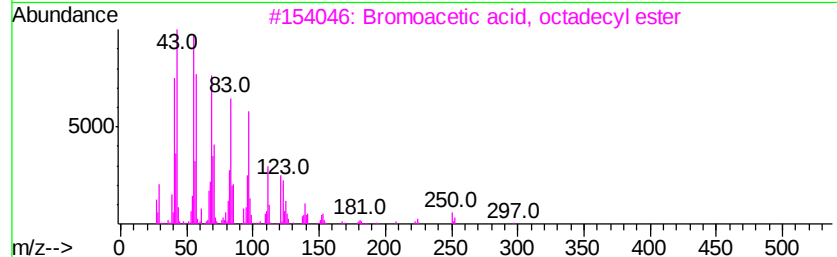
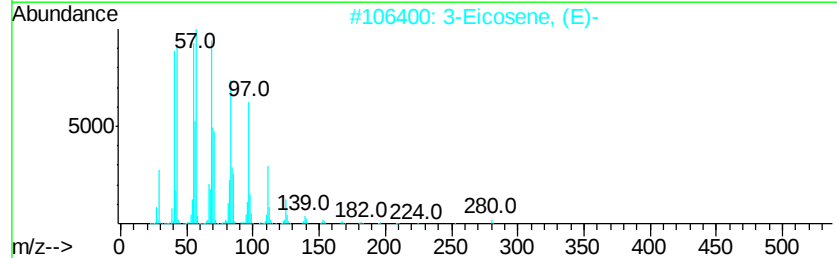
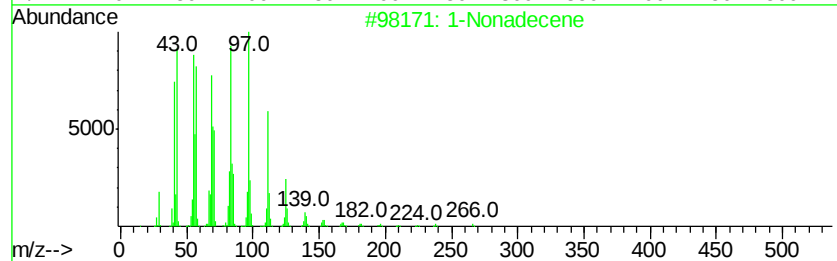
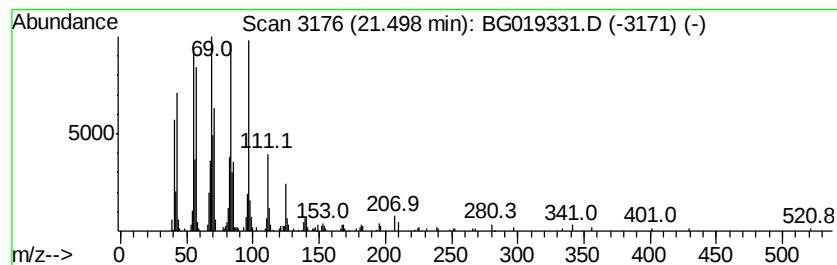
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic21.50 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	3.40 ng/ul	235380	Chrysene-d12	21.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene		266	C19H38	018435-45-5	96
2	3-Eicosene, (E)-		280	C20H40	074685-33-9	94
3	Bromoacetic acid, octadecyl ester		390	C20H39BrO2	018992-03-5	91
4	9-Eicosene, (E)-		280	C20H40	074685-29-3	89
5	5-Eicosene, (E)-		280	C20H40	074685-30-6	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
Data File : BG019331.D
Acq On : 24 Oct 2015 11:42
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Sample : G4075-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9J2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.29	10.3	ng/ul	160052	1	8.24	310504	20.0
n-Hexadecanoic acid	18.47	10.0	ng/ul	510795	4	17.60	1022460	20.0
Octadecanoic acid	19.72	4.5	ng/ul	230067	4	17.60	1022460	20.0
(DEL) Alkane: Cyc...	21.50	3.4	ng/ul	235380	5	21.88	1383720	20.0